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(54) Title: EFFECT OF GLUCAN ON STEM CELL RECRUITMENT AND TISSUE REPAIR

(57) Abstract: The invention relates to methods for treating tissue injury and/or afflictions, by administering a prophylactically or therapeutically effective amount of particulate, bioavailable $\beta(1-3;1-6)$ glucan. The invention also relates to methods in which $\beta(1-3;1-6)$ glucan is provided in the form of whole glucan particles, microparticulate β -glucan particles or a combination thereof. The invention also relates to method of enhancing glucan-mediated committed stem cell proliferation and expansion after injury via the complement system.

WO 2005/084692 A2